

Title (en)
ORGANOMETALLIC COMPOUND, ORGANIC LIGHT-EMITTING DEVICE INCLUDING THE ORGANOMETALLIC COMPOUND, AND
DIAGNOSTIC COMPOSITION INCLUDING THE ORGANOMETALLIC COMPOUND

Title (de)
ORGANOMETALLISCHE VERBINDUNG, ORGANISCHE LICHEMITTIERENDE VORRICHTUNG MIT DER ORGANOMETALLISCHEN
VERBINDUNG UND DIAGNOSTISCHE ZUSAMMENSETZUNG MIT DER ORGANOMETALLISCHEN VERBINDUNG

Title (fr)
COMPOSÉ ORGANOMÉTALLIQUE, DISPOSITIF ÉLECTROLUMINESCENT ORGANIQUE LE COMPRENANT ET COMPOSITION DE
DIAGNOSTIC COMPRENANT LE COMPOSÉ ORGANOMÉTALLIQUE

Publication
EP 3502117 A1 20190626 (EN)

Application
EP 18212977 A 20181217

Priority
KR 20170178740 A 20171222

Abstract (en)
An organometallic compound represented by Formula 1: wherein, in Formula 1, groups and variables are the same as described in the specification.

IPC 8 full level
C07F 15/00 (2006.01); **C09K 11/06** (2006.01); **H01L 51/00** (2006.01)

CPC (source: CN EP KR US)
C07F 11/12 (2013.01 - US); **C07F 15/006** (2013.01 - US); **C07F 15/0086** (2013.01 - CN EP KR US); **C09K 11/06** (2013.01 - CN EP KR US);
G01N 21/64 (2013.01 - KR); **H10K 50/11** (2023.02 - US); **H10K 50/12** (2023.02 - CN KR); **H10K 85/346** (2023.02 - CN EP KR US);
H10K 85/371 (2023.02 - US); **C09K 2211/185** (2013.01 - CN EP KR US); **H10K 50/11** (2023.02 - EP); **H10K 50/15** (2023.02 - US);
H10K 50/16 (2023.02 - US); **H10K 50/171** (2023.02 - US); **H10K 50/18** (2023.02 - US); **H10K 85/324** (2023.02 - EP US);
H10K 2101/10 (2023.02 - EP US); **H10K 2101/30** (2023.02 - EP US)

Citation (search report)
• [I] US 2017305881 A1 20171026 - LI JIAN [US], et al
• [X] ZHANG, ANYUN ET AL: "Separation and complexation of palladium(II) with a new soft N-donor ligand 6,6'-bis(5,6-dinonyl-1,2,4-triazin-3-yl)-2,2'-bipyridine (C9-BTBP) in nitric acid medium", NEW JOURNAL OF CHEMISTRY, vol. 40, no. 7, 10 May 2016 (2016-05-10), pages 6374 - 6383, XP002789934, ISSN: 1144-0546, DOI: 10.1039/C5NJ03082J 10.1039/C5NJ03082J
• [X] LEWIS, FRANK W. ET AL: "Synthesis and evaluation of lipophilic BTBP ligands for An/Ln separation in nuclear waste treatment: The effect of alkyl substitution on extraction properties and implications for ligand design", EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, vol. 8, 12 January 2012 (2012-01-12), pages 1509 - 1519, XP002789935, ISSN: 1099-0690, DOI: 10.1002/EJOC.201101576 10.1002/EJOC.201101576

Cited by
EP4001286A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3502117 A1 20190626; **EP 3502117 B1 20200916**; CN 110563767 A 20191213; CN 110563767 B 20240105; KR 102552678 B1 20230706;
KR 20190076708 A 20190702; US 12018037 B2 20240625; US 2019194237 A1 20190627

DOCDB simple family (application)
EP 18212977 A 20181217; CN 201811561380 A 20181220; KR 20170178740 A 20171222; US 201816230529 A 20181221